

Interoffice Memo Office of Design Policy & Support

DATE:

5/20/2019

FILE:

P.I.# 0013738

Camden County / GDOT District 5 - Jesup SR 25 Bridge Replacements at Whiteoak Creek

FROM:

Brent Story, State Design Policy Engineer

TO:

SEE DISTRIBUTION

SUBJECT:

APPROVED DETOUR REPORT

Attached is the approved Detour Report with Notice of Detour Approval for the

above subject project.

Attachment

Distribution:

Hiral Patel, Director of Engineering

Joe Carpenter, Director of P3

Albert Shelby, Director of Program Delivery

Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator

Kim Nesbitt, Program Delivery Administrator

Bobby Hilliard, Program Control Administrator

Paul Tanner, State Transportation Planning Administrator

Eric Duff, State Environmental Administrator

Bill DuVall, State Bridge Engineer

Andrew Heath, State Traffic Engineer

Erik Rohde, State Project Review Engineer

Eric Conklin, State Transportation Data Administrator

Brad Saxon, District Engineer

Troy Pittman, District Preconstruction Engineer

Byron Cowart, District Planning & Programming Coordinator

Tim Williams, Area Manager - D5, A3

Sean Pharr, Project Manager

BOARD MEMBER - 1st Congressional District

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

DETOUR REPORT

FILE P.I. 0013738 OFFICE Program Delivery

Project Number: N/A Camden County

SR 25 @ Whiteoak Creek 5 Mi N of Woodbine

Bridge Replacement DATE March 11,2019

FROM Kimberly W. Nesbitt, State Program Delivery Administrator

TO Brent A. Story, PE, State Design Policy Engineer

Attn: Dave Peters, PE, State Conceptual Design Group Manager

SUBJECT Request for Detour Approval

Description and Project Proposal: The proposed project would construct a replacement bridge for the existing structurally deficient bridge (Sufficiency Rating = 64.9) over Whiteoak Creek. The preferred alternative proposes to detour traffic during construction and replace the bridge in the existing location. The project typical section consists of two (2) 12-foot lanes with a 10-foot shoulder. The approximate project length is 0.40-miles and located on SR 25 in Camden County with a design speed of 55 MPH.

Concept Approval Date: August 7, 2018

Reason Detour is Required: Bridge replacement alternatives included replacement in existing location with an on-site detour as well as replacement to the east and west of the current alignment that would build a new bridge in the clear and not require an off-site detour. Those alternatives had larger environmental impacts, higher right-of-way costs, and higher construction costs. See the alternative description tables below. The preferred alternative proposes to detour traffic on the state route system during construction and replace the bridge in its existing location. The preferred alternative has the least amount of environmental impacts and the lowest construction cost. It is estimated the detour would be in place from 18-24 months.

Preferred Alternative: Replacement in Existing Location with an Off-Site Detour			
Estimated Property	3 parcels	Estimated Total	\$4,894,727.37
Impacts:		Cost:	
Estimated ROW Cost:	\$120,000.00	Estimated CST Time:	24 months

Rationale: This alternative would replace the existing bridge in-place while utilizing I-95 as an off-site detour during construction. The off-site detour net length proposed for this alternative would be approximately 18.5-miles for locals traveling between Waverly and Woodbine. This alternative provides for the least amount of impact to environmental resources which includes stream, wetland, salt marsh, and protected species. This alternative would impact three parcels.

Alternative 2: Replacement in Existing Location with an On-Site Detour			
Estimated Property	3 parcels	Estimated Total Cost:	\$7,800,730.06***
Impacts:			
Estimated ROW Cost:	\$107,000.00	Estimated CST Time:	24 months

Rationale: This alternative would close the existing bridge to traffic and provide an on-site detour during construction. The on-site detour would temporarily shift traffic west of the existing alignment and utilize a temporary bridge upstream of the existing bridge. Shifting temporary detour traffic to the upstream side existing bridge is not ideal, but would be necessary due to the presence of a DNR boat ramp, which is a Section 4(f) resource, located on the east side of the existing bridge, which access must be maintained during construction. Constructability of this alternative would be difficult to fit temporary work and detour bridges due to the existing Rail Trail parallel to the project site. An on-site detour will increase additional environmental impacts such as salt marsh, stream, and wetland impacts which will increase 404 mitigation costs. This alternative would impact three parcels. This alternative is not recommended.

^{***}This figure does not include a cost estimate for Section 404 mitigation.

Alternative 3: West Alignmen	t Shift - Replaceme	nt	
Estimated Property	3 parcels	Estimated Total Cost:	\$5,675,089.07***
Impacts:			
Estimated ROW Cost:	\$174,000.00	Estimated CST Time:	24 months

Rationale: This alternative would permanently shift the alignment of SR 25 just west of the existing bridge location for a length of approximately 0.70-miles. Traffic would be maintained on the existing alignment during construction. This alternative would lengthen the area of impact to the existing route, affecting 3 parcels for right-of-way acquisition, impact the intersection of SR 25 and Burnt Fort Road which would require intersection improvements, and could potentially impact the adjacent Georgia Coast Rail-Trail which is a Section 4(f) resource. This alternative is not recommended.

^{***} This figure does not include a cost estimate for Section 404 mitigation.

Alternative 4: East Alignment Shift - Replacement			
Estimated Property	4 parcels	Estimated Total Cost:	\$5,785,322.64***
Impacts:			
Estimated ROW Cost:	\$188,000.00	Estimated CST Time:	24 months

Rationale: This alternative would permanently shift the alignment of SR 25 just east of the existing bridge location for a length of approximately 0.70-miles. Traffic would be maintained on the existing alignment during construction. This alternative, similar to Alternative 3 above, would lengthen the area of impact to the existing route, affecting four parcels for right-of-way acquisition, and impact the intersection of SR 25 and Burnt Fort Road which would require intersection improvements. In addition, this alternative would require the relocation of the of the Whiteoak Creek boat ramp which is a Section 4(f) resource. This alternative is not recommended.

Environmental Assessment of the Proposed Detour Route: No modifications of the existing roadways associated with the detour, other than the placement of temporary signage to identify the detour route and closure of SR 25 at the bridges, are proposed.

^{***}This figure does not include a cost estimate for Section 404 mitigation.

Detour Report PI 0013738 Page 3

Local Officials Detour Impact Survey Letters: On November 20, 2017, the Office of Program Delivery sent letters to several local officials to inform them of the proposed project detour and solicit their input concerning impacts to delivering local services. See attached sample letter. The officials contacted were the Camden County Administrator, Camden County EMA Director, and Camden County Schools Transportation Director.

Three surveys were returned by Harvey Amerson (Camden County Public Works Director), Mark Crews (Camden County EMA Director and Fire Rescue Chief), and Mike Blackerby (Camden County Schools Director of Operations). In the comments, all respondents expressed concerns about emergency response time delays and bus route revisions.

Additional follow up took placed on 7-12-2018 with Camden County Administrator, EMS, and School on off-site detour. The consensus from this meeting that everyone understands and on-board with the offsite detour.

Public Detour Open House Results:

The Public Detour Open House was held at Camden County Historic Courthouse in Woodbine, GA., On Thursday October 25, 2015 from 4:00 to 6:00pm. There was a total of 38 attendees including Camden County Commissioner District 1 Lannie Brant, County Administrator Steve Howard, and Deputy County Administrator Shawn Boatright. Discussions between the GDOT staff and local officials did not reveal any major detour concerns. Two comments were received, and no changes were made to the detour as a result of the open house. Please see the attached Detour Open House Comment Cards, Transcript, and Synopsis.

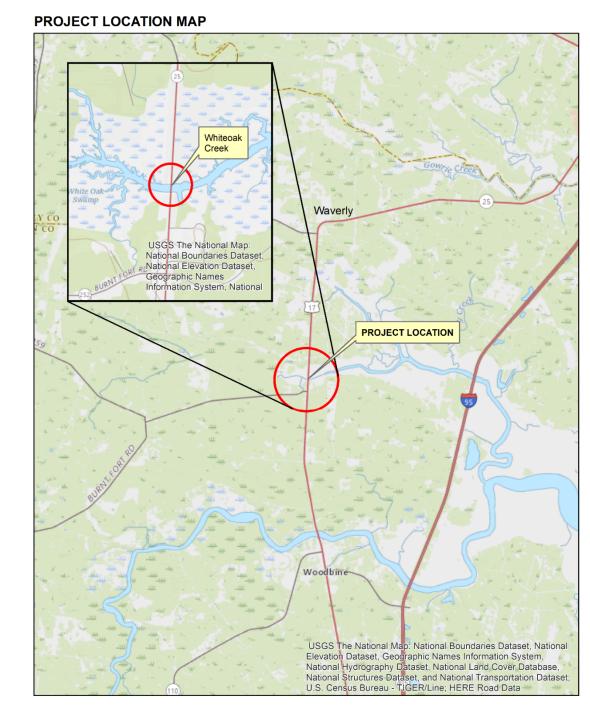
Recommendations:

GDOT Chief Engineer

KWN:CLB:SHP:DDC:ASG

Attachments:

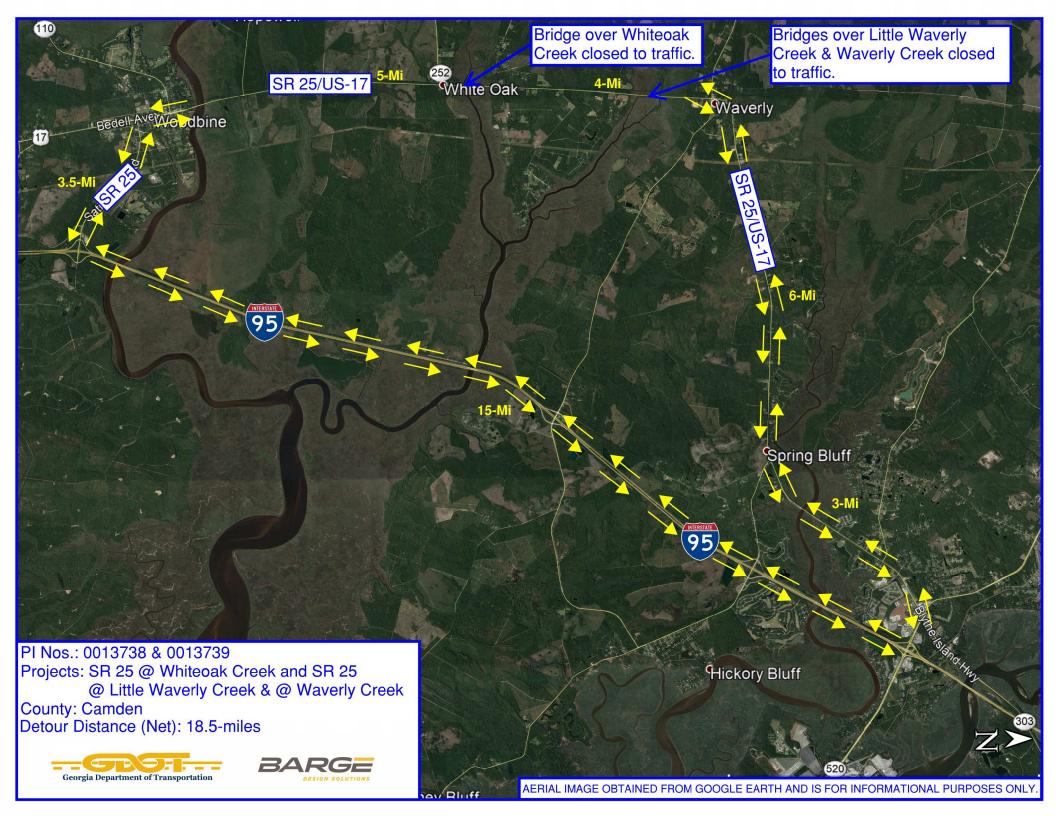
- Project Location Map
- Sketch Map of Detour Route Proposed including Length of Detour
- Sample Local Official Detour Survey Impact Letter
- Detour Open House Comment Cards, Transcript, Synopsis
- Notice of Detour Approval
- Meeting Minutes Coordination Meeting with EMS, School, and County Administrator



GDOT Pl. 0013738 Camden County SR25 @ Whiteoak Creek 5 Ml N of Woodbine



0 1 2 4 6 Miles





GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW Atlanta, Georgia 30308 Telephone: (404) 631-1000

August 4, 2017

Mr. Steve Howard, Chairman Camden County Board of Commissioners P.O Box 99 Woodbine, GA 31569 showard@co.camden.ga.us

RE: Request for Comments on GDOT Bridge Replacement Project PI 0013738, Camden County SR 25 @ WHITEOAK CREEK 5 MI N OF WOODBINE

Dear Mr. Howard:

The Georgia Department of Transportation (GDOT) is performing early coordination for the above referenced project. Planning and environmental studies are just being initiated and physical construction activities are not anticipated until calendar year 2020 or beyond. During this phase, alternatives are being evaluated for replacing the bridge. Potential alternatives include both on and off-site detours. Off-site detours require road closures that may last up to 12 months, but may reduce the overall construction duration of the project as well as limit the footprint of the project.

The purpose of this letter is to solicit your input concerning the potential impact of closing the road and detouring traffic. A vicinity map is attached illustrating the location of the project. To allow us to fully evaluate the concerns of all interested stakeholders, please promptly complete the attached form either by completing the online survey located at the following website address;

County Administrator Survey Link

https://www.surveymonkey.com/r/RCYLRGR,

or by completing the attached paper form and sending it to the attention of the Project Manager listed below:

Jeff Henry, PE

JHenry@dot.ga.gov

Georgia Department of Transportation
Office of Program Delivery
One Georgia Center, 25th Floor
600 West Peachtree Street
Atlanta, GA 30308

PI 0013738, Camden County Georgia Department of Transportation Bridge Replacement Project August 4, 2017

Page 2 of 2

It is the Department's desire to identify and address local stakeholder concerns early in the plan development process in order to assess alternatives. If you have any questions or comments concerning this project, please contact Jeff Henry at (404) 663-8649 or JHenry@dot.ga.gov. Thank you for your assistance.

Sincerely,

Sean H. Pharr

Program Delivery Bridge Program Manager

AVS:KWN:CLB:JCH Attachment

cc: Albert V. Shelby, III, Director of Program Delivery Kimberly Nesbitt, State Program Delivery Administrator Chandria Brown, Asst. State Program Delivery Administrator

General Files

PI 0013738, Camden County

Georgia Department of Transportation Bridge Replacement Project Details Impact Form for County Administra

Detour Impact Form for County Administrator

Using the attached project map, please respond to the questions below. Please provide as much information as you feel is necessary. Please respond to all questions – use "N/A" or "Non-known" if no relevant information to question is available. If you need additional information or mapping for this project, please contact us.

1. Please quantify the number of impacts anticipated by an off-site detour.
Daily Number of vehicles
Daily Number of Trucks
Number of Residences
Number of Businesses
Detour Length
2. Please rate the impact on service if the bridge were closed for up to a year?
☐No Concerns ☐Moderate Concerns ☐Major Concerns
3. If concerns were identified, please specify what they are below, be as specific as possible (Conditions of detour route location of students, new development expected, weight restrictions, etc.)
4. Are there any future time periods or events that you know of where bridge closure would be of particular concern? Pleasonote the event and any details you are familiar with.
5. Is there anyone you feel we should contact specifically regarding this project? Please note their name, phone number, and reason we should contact them?
6. Are there any additional comments you have regarding the project? Are the road names referenced the names the local would use?
Form Completed by (Name):
(Title): Date:



GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW Atlanta, Georgia 30308 Telephone: (404) 631-1000

August 4, 2017

Mr. Mark Crews, Emergency Management Director Camden County Emergency Management Department 131 N. Lee St. Kingsland, GA 31548 mcrews@co.camden.ga.us

RE: Request for Comments on GDOT Bridge Replacement Project PI 0013738, Camden County SR 25 @ WHITEOAK CREEK 5 MI N OF WOODBINE

Dear Mr. Crews:

The Georgia Department of Transportation (GDOT) is performing early coordination for the above referenced project. Planning and environmental studies are just being initiated and physical construction activities are not anticipated until calendar year 2020 or beyond. During this phase, alternatives are being evaluated for replacing the bridge. Potential alternatives include both on and off-site detours. Off-site detours require road closures that may last up to 12 months, but may reduce the overall construction duration of the project as well as limit the footprint of the project.

The purpose of this letter is to solicit your input concerning the potential impact of closing the road and detouring traffic. A vicinity map is attached illustrating the location of the project. To allow us to fully evaluate the concerns of all interested stakeholders, please promptly complete the attached form either by completing the online survey located at the following website address;

EMS Survey Link

https://www.surveymonkey.com/r/WSVSJQM,

or by completing the attached paper form and sending it to the attention of the Project Manager listed below:

Jeff Henry, PE

JHenry@dot.ga.gov

Georgia Department of Transportation
Office of Program Delivery
One Georgia Center, 25th Floor
600 West Peachtree Street
Atlanta, GA 30308

PI 0013738, Camden County Georgia Department of Transportation Bridge Replacement Project August 4, 2017 Page 2 of 2

It is the Department's desire to identify and address local stakeholder concerns early in the plan development process in order to assess alternatives. If you have any questions or comments concerning this project, please contact Jeff Henry at (404) 663-8649 or JHenry@dot.ga.gov. Thank you for your assistance.

Sincerely,

Sean H. Pharr

Program Delivery Bridge Program Manager

AVS:KWN:CLB:JCH Attachment

cc: Albert V. Shelby, III, Director of Program Delivery Kimberly Nesbitt, State Program Delivery Administrator Chandria Brown, Asst. State Program Delivery Administrator General Files

PI 0013738, Camden County Georgia Department of Transportation Bridge Replacement Project Detour Impact Form for EMS

Using the attached project map, please respond to the questions below. Please provide as much information as you feel is necessary. Please respond to all questions – use "N/A" or "Non-known" if no relevant information to question is available. If additional information or mapping for this project is needed, please contact us. 1. Please rate the impact to Emergency Response services if the bridge were closed for up to a year. ☐ No Impact Low Impact ☐ Moderate Impact High Impact 2. If there are concerns please specify. Be as specific as possible. (examples: condition of detour routes, located in a high call volume area, closure could affect response to schools, weight restrictions, expected new development in the area, coordination with partner agency required to facilitate service) 3. Are there any future time periods or events that you know of where bridge closure would be of particular concern? Please note the event and any details you are familiar with. 4. Is there anyone you feel we should contact specifically regarding this project? Please note their name, contact information, and reason we should contact them? 5. names the locals would

5. Are there any additiuse?	onal comments y	ou have for this	project? Are the	road names referenced the
Form Completed by (1	Jame):			
	(Title):			
	Date:			



GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW Atlanta, Georgia 30308 Telephone: (404) 631-1000

August 4, 2017

Dr. William Hardin, Superintendent Camden County Board of Education 311 S. East St Kingsland, GA 31548 whardin@camden.k12.ga.us

RE: Request for Comments on GDOT Bridge Replacement Project PI 0013738, Camden County SR 25 @ WHITEOAK CREEK 5 MI N OF WOODBINE

Dear Dr. Hardin:

The Georgia Department of Transportation (GDOT) is performing early coordination for the above referenced project. Planning and environmental studies are just being initiated and physical construction activities are not anticipated until calendar year 2020 or beyond. During this phase, alternatives are being evaluated for replacing the bridge. Potential alternatives include both on and off-site detours. Off-site detours require road closures that may last up to 12 months, but may reduce the overall construction duration of the project as well as limit the footprint of the project.

The purpose of this letter is to solicit your input concerning the potential impact of closing the road and detouring traffic. A vicinity map is attached illustrating the location of the project. To allow us to fully evaluate the concerns of all interested stakeholders, please promptly complete the attached form either by completing the online survey located at the following website address;

School Board Survey Link

https://www.surveymonkey.com/r/R85MX6K;

or by completing the attached paper form and sending it to the attention of the Project Manager listed below:

Jeff Henry, PE

JHenry@dot.ga.gov

Georgia Department of Transportation
Office of Program Delivery
One Georgia Center, 25th Floor
600 West Peachtree Street
Atlanta, GA 30308

PI 0013738, Camden County Georgia Department of Transportation Bridge Replacement Project August 4, 2017 Page 2 of 2

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Sincerely,

Sean H. Pharr

Program Delivery Bridge Program Manager

AVS:KWN:CLB:JCH Attachment

cc: Albert V. Shelby, III, Director of Program Delivery
Kimberly Nesbitt, State Program Delivery Administrator
Chandria Brown, Asst. State Program Delivery Administrator
Mike Blackerby, Camden County Schools Operations Director (jblackerby@camden.k12.ga.us)

General Files

PI 0013738, Camden County Georgia Department of Transportation Bridge Replacement Project Detour Impact Form for School Board

Using the attached project map, please respond to the questions below. Please provide as much information as you feel is necessary. Please respond to all questions – use "N/A" or "Non-known" if no relevant information to question is available. If you need additional information or mapping for this project, please contact us.

1. How many School Buses crossings over this bridge are there per day?
Number of Buses Number of Trips
2. Please rate the impact on service if the bridge were closed for up to a year?
No Concerns Moderate Concerns Major Concerns
3. If concerns were identified, please specify what they are below, be as specific as possible (Conditions of detour route location of students, new development expected, weight restrictions, etc.)
4. Are there any future time periods or events that you know of where bridge closure would be of particular concern? Pleas note the event and any details you are familiar with.
5. Is there anyone you feel we should contact specifically regarding this project? Please note their name, phone number, an reason we should contact them?
6. Are there any additional comments you have regarding the project? Are the road names referenced the names the local would use?
Form Completed by (Name):
(Title): Date:

My name is Richard Smith. My address is 389 Horsestamp Church Road, Waverly. I'm more concerned on the front deck. The two concerns I have is -- one is that the sheriff's department is located in Woodbine. I live in Waverly on the other side of all three bridges and with all the rerouting, how quick will a deputy be able to get to my house when there's no direct path anymore? That is my biggest concern. Plus, I have a wife.

The other one is: When there's an accident on 95 between Exit 14 and 22, it will reroute all of the traffic. They usually reroute it down 17. Y'all are going to have all of these out-of-staters with these detours going through the middle of nowhere. That's the bigger traffic on the smaller roads is the concern. Those are my two concerns. Mainly, sheriff on this is the biggest one.

My name is Terry Landreth, 210 North
Woodvalley Drive, Kingsland, Georgia, 31548 is
the ZIP Code. My preference for the project,
I'm in full support of it.

I would just like to add a comment to the project. U.S. 17 is part of bike route 95 and

long-distance cyclists are not given preference on a detour outside of I-95. So I would like to have detour signs placed for long-distance cyclists coming through U.S. 17, south and north in Camden County. That's it.

(Comments concluded.)

NOTICE OF DETOUR APPROVAL

CAMDEN COUNTY P. I. No. 0013738

Notice is hereby given that the Georgia Department of Transportation has approved the use of and the routing of a detour for this project.

The date of detour approval is: May 20, 2019

The project is located on SR 25 north of Woodbine over Whiteoak Creek in Camden County. The existing bridge and approaches will be reconstructed on the existing alignment. The roadway will be closed during construction.

The detour route would utilize SR 25 Spur eastbound from the intersection with SR 25/US 17 in Woodbine; continuing east on SR 25 Spur, a two-lane roadway; and then continuing north on SR 405/I-95, a six-lane divided roadway, to return to SR 25. The detour length for through traffic between Waverly and Woodbine would be approximately 27.5 miles. The total detour length from the beginning of the project area to the end of the project area would be approximately 36.5 miles. It is estimated the detour would be in place from 18 to 24 months.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

> Contact name: Sean Pharr, P.E. E-mail: spharr@dot.ga.gov

Address: Office of Program Delivery 600 West Peachtree Street 25th Floor

Atlanta, Georgia 30308

Telephone: (404) 245-6084

Camden County Coordination Meeting Minutes

PI 0013738 - SR 25 @ Whiteoak Creek 5 MI N of Woodbine PI 0013739 - SR 25 @ Little Waverly Creek & @ Waverly Creek N of Woodbine

Project: PI Nos 0013738 & 0013739 Camden County

SR 25 @ Whiteoak Creek 5 Miles N of Woodbine

SR 25 @ Little Waverly Creek & @ Waverly Creek N of Woodbine

Subject: Camden County Coordination Meeting Conference Call

Date: July 12, 2018

Attendees: Aghdas Ghazi, GDOT – OPD

Zach Adriaenssens, GDOT - OES

Johnny Lee, Barge Design Solutions, Inc. (Barge)

Jeff Vickery, Barge Design Solutions, Inc.

Josh Earhart, Edwards-Pitman Environmental, Inc. (EPEI) Taylor Jordan, Edwards-Pitman Environmental, Inc. Shawn Boatright – Camden County Administration Charles Lowther – Camden County Fire Rescue

Tina Ingles – Camden County Fire Rescue Mark Lain – Camden County Fire Rescue Chuck White – Camden County EMA Lisa Boyett – Camden County EMA

Minutes Prepared by Jeff Vickery on July 12, 2018

Introductions and Meeting Purpose

The purpose of this conference call was to provide an overview of the proposed bridge replacement projects for PI 0013738 and PI 0013739 with Camden County Administration, Fire Rescue, and EMA officials.

General Discussion

- Johnny Lee (Barge) opened the conversation by providing a brief overview and current status of the projects.
- Chuck White (EMA) pointed out that on a previous coordination letter only Whiteoak Creek and Little Waverly Creek were referenced and wondered where the third bridge discussed was located.
 - Johnny Lee clarified that PI 0013739 included two bridges over Little Waverly Creek and Waverly Creek.
- Chuck White (Fire Rescue) asked what the expected construction sequence would be?

- o Johnny Lee (Barge) responded that the expectation at this point is to close Whiteoak first then Waverly/Little Waverly. For Waverly/Little Waverly, only one bridge can be closed at a time to maintain access for the locals.
- Charles Lowther (Fire Rescue) asked what was the timeline for completion?
 - Aghdas Ghazi (GDOT) and Johnny Lee (Barge) responded that the length of construction at this time was expected to be 18-24 months if both projects were let together but could potentially be shortened after the Preliminary Field Plan Review.
- Shawn Boatright (Administration) stated that the residents who live in the area will want to know the construction timeframes of each bridge.
- Tina Ingles (Fire Rescue) asked if the entire roadway would be closed at any time or if one lane would remain open, etc.?
 - o Johnny Lee responded that the entire bridge would be closed as the existing bridge would need to be removed at one time in order to construct a new bridge in the same location.
 - Josh Earhart (EPEI) and Aghdas Ghazi (GDOT) added that even though the recommended posted detour route would have to utilize State Routes, that locals would be free to use other available local roads and would not be restricted to just the posted detour.
- Josh Earhart (EPEI) asked for clarification on what is emergency services response protocol in this area. Would one station respond for the entire route?
 - Tina Ingles (Fire Rescue) responded that the Whiteoak Creek bridge is the district dividing line for response protocol, but for structure fires they have apparatus that is unique to a particular station, but they can plan for and route resources as needed to cover additional calls.
- Shawn Boatright (Administration) asked if the projects are expected to have a great deal of environmental impact and stated that he imagined an off-site detour would help reduce impact.
 - o Josh Earhart (EPEI) replied that is correct. Using the off-site detour significantly reduces the environmental impact to salt marsh.
- Johnny Lee (Barge) concluded the meeting by thanking everyone for attending the call and encouraged Camden County officials to reach out anytime with questions and to join the monthly project status calls.

Follow-up Meeting

No additional follow-up coordination meeting is scheduled at this time apart from the regular project status meetings.

These minutes are based upon the notes and recollection of the author. Any additions or corrections should be brought to Barge Design Solutions' immediate attention.